USS NASHVILLE (LPD-13) SEMAT II HULL AND SUPPORTING STRUCTURE SURVEY

7/22/02 T0 8/2/02



SUPERVISOR OF SHIPBUILDING CONVERSION AND REPAIR PORTSMOUTH VIRGINIA







4646 WITCHDUCK ROAD VIRGINIA BEACH, VIRGINIA. 23455-6215 PHONE: 757-490-5000 FAX: 757-490-5027

> 1 AUGUST, 2002 Serial # 1697 BL -086

Q.E.D. Systems, Inc. was tasked by the Supervisor of Shipbuilding Conversion and Repair, USN (SPORT) Portsmouth, VA to conduct an Ultrasonic Thickness (U/T) Survey of specific locations on board USS NASHVILLE (LPD-13) during the period of 22 July–2 August 2002.

The survey was conducted by:

Francis J. (Joe) LaRock Certified Level II, 21 December 2001

Candace Short Certified Level I, 11 January 2002

The instruments used were Krautkramer Branson,

Model DMS-2TC. Serial Number: 00N3V8 Calibration Date: 22 February 2002

Probes Used: TC 560

KBA 560 FH 2 E KBA 525

I have reviewed the results of the survey and approved of the findings. The discrepancies have been recorded on MAF's and are included in this report.

Francis J. LaRock Certified Level II

USS NASHVILLE (LPD-13)

HULL AND SUPPORTING STRUCTURE SURVEY INTERIOR AREAS TABLE OF CONTENTS

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USS NASHVILLE (LPD-13) SEMAT II SHELL AND SUPPORTING STRUCTURE SURVEY, INTERIOR AREAS.

A SEMAT II UNDERWATER HULL AND SUPPORTING STRUCTURE SURVEY OF INTERIOR AREAS WAS CONDUCTED ON BOARD **USS NASHVILLE (LPD-13)** FROM 07/22/02 TO 08/02/02 AT NAVAL STATION, NORFOLK VIRGINIA.

THE SURVEY WAS CONDUCTED IN ACCORDANCE WITH HULL STRUCTURE MRC 1102 USING A DELMHORST BD 2100 MOISTURE METER AND KRAUTKRAMER BRANSON ULTRASONIC TEST INSTRUMENT:

MODEL:

DM2TC SERIAL NO.00NV8 CALIBRATION DUE DATE 02/22/03

THE PROBES USED WERE KRAUTKRAMER BRANSON MODELS:

TC/560 FH2E

KBA 525

KBA 560

THE MOST CRITICAL AREAS NOTED WERE THE STERN GATE HYDRAULIC OPERATOR EMERGENCY RIG – CONN SPACES (4-268-1-Q & 4-268-2-Q), THE THINNING TANK TOP IN A/C MACHINERY ROOM NO.1 (4-160-3-E). THE A/C MACHINERY ROOM AND THE STERN GATE EQUIPMENT SPACES ARE NOT SHELL RELATED, BUT ARE CRITICAL AREAS OF CORROSION DUE TO THE NATURE OF THE EQUIPMENT AND THE ENVIRONMENT.

THE FINAL SECTION CONTAINS A (LPD-4) CLASS STRUCTURAL MATRIX. THESE ARE SPACES LOCATED AT THE WATER LINE AND BELOW AND NOT BOUNDED BY TANKS.

USS NASHVILLE (LPD-13) UNSATISFACTORY AREAS

LOCATION	ARFA	RESULTS
(4-268-1-Q) STERN GATE HYDRAULIC OPERATOR EMERGENCY RIG-CONN SPACE JSN A381	STARBOARD SHELL, BETWEEN BHDS (268-274) DECK LEVEL	APPROX 200SQF OF CORROSION AND PAINT FAILURE
(4-268-1-Q) STERN GATE HYDRAULIC OPERATOR EMERGENCY RIG-CONN SPACE JSN A384	STARBOARD SIDE, BASIN WALL BETWEEN BHDS (268- 274) AND FWD BHD (268)	HOLED STRINGER 40 SQF OF BASIN WALL BELOW THE 25% WASTAGE CRITERIA
(4-268-2-Q) STERN GATE HYDRAULIC OPERATOR EMERGENCY RIG-CONN SPACE JSN A367	PORT BASIN WALL BETWEEN BHDS (268-274	HOLED STRINGER,APPROX 40 SQF OF BASIN WALL BELOW THE 25% WASTAGE CRITERIA
(4-268-2-Q) STERN GATE HYDRAULIC OPERATOR EMERGENCY RIG-CONN SPACE. JSN A368	PORT SHELL BETWEEN BHDS (268-274), FWD BHD 268 AND TRANSOM	APPROX 200SQF OF CORROSION AND PAINT FAILURE
(8-44-1-E) FORWARD PUMP ROOM JSN A383	ENTIRE SPACE	APPROX 500SQF OF CORROSION AND PAINT FAILURE
(8-216-1-E)GAS SYSTEMS SALT WATER PUMP ROOM JSN A370	STBD SHELL AND STRINGERS BETWEEN BHDS(216-226)	APPROX. 100 SQF OF MILD CORROSION.
(4-160-3-E) A/C MACHINERY ROOM 1 JSN A369	STBD SIDE AT BHD (160) TANK TOP BELOW BOTTLE RACK.	TANK TOP THINNED BELOW THE 25% WASTAGE CRITERIA
(4-52-1-E) EMERGENCY DIESEL GENERATOR ROOM NO.1 JSN A366	DECK,SHELL AND BHD (68) AFT OF ELECTRICAL PANELS	APPROX. 50 SQFOF CORROSION.

ITEM NUMBER								SHIP	USS NASHVILLE (LPD-1	3)	
SYSTEM SHELL&SUPPORTI	NGSTRUCTURE 1		:swbs 11011	Е	IC		APL			RIN		
EQUIPMENT NAME	NOOTROOTORE T	.0	IDENT/SERIAL			LOCAT	ION	WOR	RK CENTER	JSN		
HULL STRUCTUR	E 1102XY	DDOD! FM	OTATUO.	N/A	_		4-268-2-C		ER02		A367	
EQUIPMENT STATUS		PROBLEM						CATEGORY			EOC	
1. SAT - SATISFACTO 2. UNSAT - UNSATISFACO 3. TNA - TEST NOT AT 4. TNC - TEST NOT CO 5. NOB - EQUIPMENT I	TORY TEMPTED OMPLETED	2. A 3. T 4.S	C - CORRECTED A - AWAITING PARTS AWAITING TECH AS: - SHIP'S FORCE NCORRECTED PROBLE		2. Z - EQ	RSONNEL SAFE UIPMENT SAFE ARDWARE			4. D - DOWN 5. L - LIMITED		.6	
TYPEAVAILABILITY	WHEN TO BE		STATUS	iwo	CAUSE				DEFERRAL REASON			
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 1	ACCOMPLISH 1. IMMEDIATE 2. PRIOR TO N UNDERWAY 3. PIROR TO N DEPLOYMENT 4. DURING PO DEPLOYMENT AVAILABILITY	EXT SST	1. ABNORMAL ENVIRONMENT 2. NON-OPERATIONAL 3. NON-OPERATIONAL 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE 7. ABNORMAL ENVIRONMENT 2. LACK OF MATERIAL 3. NO FORMAL TRAINING INADE 4. COMMUNICATION PROCEDURE 6. INADEQUATE DESIGN 7. NORMAL WEAR AND TEAR 8. NOT APPLICABLE 7. NOT AUTHORIZED FOR SET OF THE METERIAL 1. SIF BACKLOG/OPERATION 2. LACK OF MATERIAL 3. NO FORMAL TRAINING INADE EQUIPMENT 6. LACK OF FACILITIES/CAP 7. NOT AUTHORIZED FOR SET OF THE METERIAL 1. SIF BACKLOG/OPERATION 2. LACK OF MATERIAL 3. NO FORMAL TRAINING INADE 6. LACK OF FACILITIES/CAP 7. NOT AUTHORIZED FOR SET OF THE METERIAL 2. LACK OF MATERIAL 3. NO FORMAL TRAINING INADE 6. LACK OF MATERIAL 3. NO FORMAL TRAINING INADE 6. LACK OF FACILITIES/CAP 7. NOT AUTHORIZED FOR SET OF THE METERIAL 2. LACK OF MATERIAL 3. NO FORMAL TRAINING INADE 6. LACK OF MATERIAL 3. NO FORMAL TRAINING INADE 6. LACK OF MATERIAL 3. NO FORMAL TRAINING INADE 6. LACK OF MATERIAL 3. NO FORMAL TRAINING INADE 6. LACK OF FACILITIES/CAP 7. NOT AUTHORIZED FOR SET OF THE METERIAL 3. NO FORMAL TRAINING INADE 6. LACK OF FACILITIES/CAP 7. NOT AUTHORIZED FOR SET OF THE METERIAL 3. NO FORMAL TRAINING INADE 6. LACK OF FACILITIES/CAP 7. NOT AUTHORIZED FOR SET OF THE METERIAL 3. NO FORMAL TRAINING INADE 6. LACK OF MATERIAL 3. NO FORMAL TRAINING INADE 6. LACK OF MATERIAL 3. NO FORMAL TRAINING INADE 6. LACK OF MATERIAL 3. NO FORMAL TRAINING INADE 6. LACK OF MATERIAL 3. NO FORMAL TRAINING INADE 6. LACK OF MATERIAL 3. NO FORMAL TRAINING INADE 6. LACK OF MATERIAL 6. LACK OF MATERI						ON THIS EQUIPMENT DEQUATE IN THIS PRACTICAL TRAINING APABILITIES 8 S/F ACCOMPLISHMENT R AVAILABILITY WORK			
	4 1 1 1 10. OTHER OR NOT A									6		
MAN HRS EXPENDED 4	MAN HRS	REMAINING 30	0	COMPLE	TED ACTION	TAKEN		S/F I	MANHOURS	PRI	ORTY	
2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAVIER OF EQUIPMENT/SYSTEM 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 5. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 5. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 5. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 6. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP IN THE PARTS REQUIRED 7. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 8. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 9. MAINTENANCE ACTION COMPLETED: NO PARTS										2. E 3. H 4. E		
	-,,,								M. THINNING IS ALS			
REFER TO DRA				AND AB	OVE IN	E UPPER	STRINGE	K. FWD EI	ID OF UPPER STRIN	GER IS	HULED.	
INCI EN TO DIV	WING FOR OT	ILADIN	00.									
RECOMMENDE	D REPAIRS: RI	ECOMME	ND REPAIR A	CTIVITY	CUT O	JT AND R	EPLACE A	APPROXIM	ATELY 40SQF OF BA	ASIN WA	ALL.	
USING .375 OS												
SSPORT C221	POC: B. WILLIA	AMS (757	7) 396-4001 T	POC: C.	BUCK (757) 396-4	4001					
CSMP SUMMAR BASIN WALL IS	= =	RINGER	HOLED						TEST# MRC 1102/1			
ROOT CAUSE/A	AMPLIFICATIO	N:							STEP# 1 THRU 5			
SYSTEM LEVEL	IMPACT:											
PART NO.			NOMENCLAT	URE			QTY	NSN			COST	
1												
2												
3												
4										i		
5								İ				
6								1				
FIRST CONTAC		TE 1	SECON TEECE	D CONT	ACT		RATE DC 2	P	HONE			
ASSESSOR / AC J.LAROCK /C.S		047)		TD	TL	LOGI	STICIAN		TSP			

USS NASHVILLE (LPD-13) STERN GATE HYD OPERATOR EMERGENCY RIG-CONN SPACE (4-268-2-Q)



PORT SIDE, DETERIORATED $2^{\rm ND}$ STRINGER FROM THE DECK, OUTBOARD SIDE OF WELL DECK. JSN A367



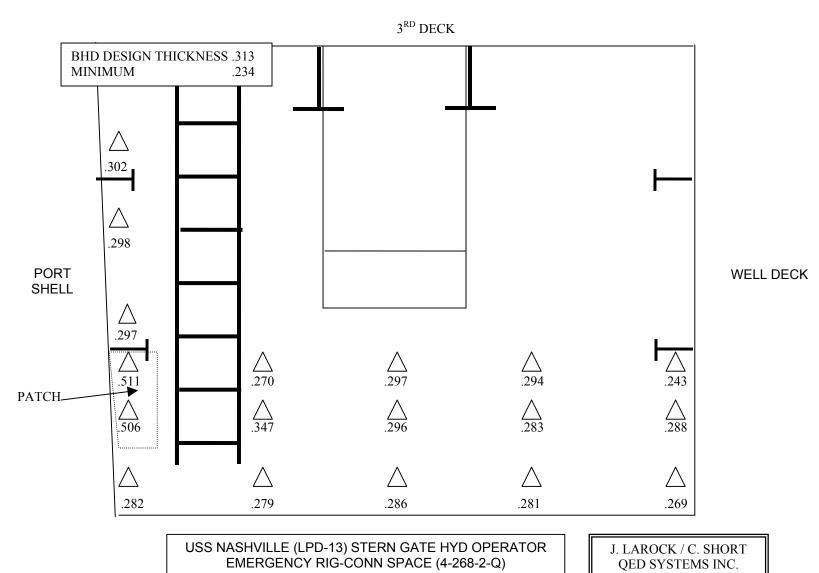
CORROSION AT DECK, OUTBOARD SIDE OF PORT WELL DECK. SEVERAL LOW U/T READINGS WERE REVEALED IN THIS AREA. REFER TO DRAWING. JSN A367

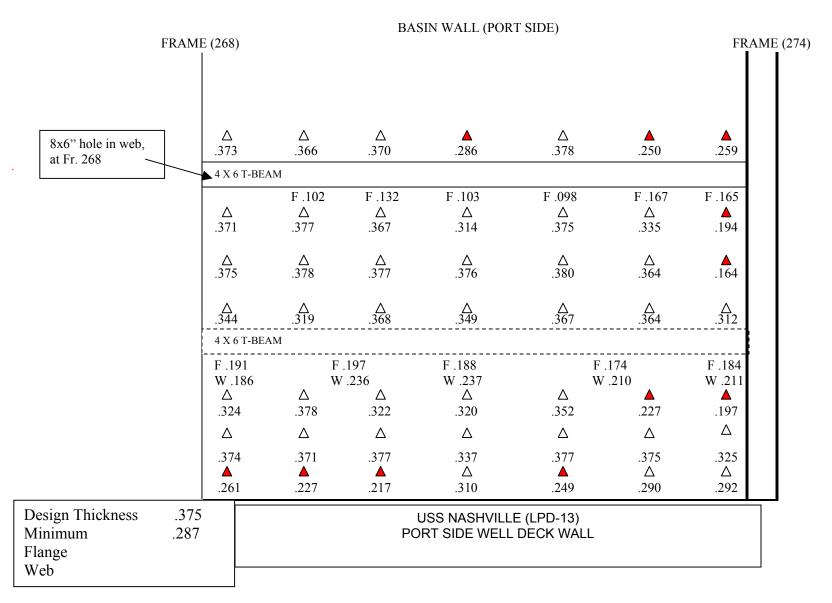
ITEM NUMBER	USS NASHVILLE (LPD-13)										3)			
SYSTEM SHELL&SUPPORTIN	NGSTRUC	TURE 11		swвs 11011	EIG	:		APL		<u></u>	RIN N/L			
EQUIPMENT NAME				IDENT/SERIAL	N1/A		LOCA			RK CENTER	JSI	N		
HULL STRUCTUR EQUIPMENT STATUS	E 1102X	Υ	PROBLEM	STATUS	N/A	1		4-268-2-C	CATEGORY	ER02		A 368		
1. SAT - SATISFACTO 2. UNSAT - UNSATISFAC 3. TNA - TEST NOT AT 4. TNC - TEST NOT CO 5. NOB - EQUIPMENT N	TORY TEMPTED MPLETED	ARD	2. A 3. T 4.S	- CORRECTED - AWAITING PARTS - AWAITING TECH ASS - SHIP'S FORCE CORRECTED PROBLE		1. S - PERS 2. Z - EQUI 3. H – HAR	ONNEL SAF PMENT SAFE DWARE	ETY		4. D - DOWN 5. L - LIMITED		.7		
TYPEAVAILABILITY	W	HEN TO BE		STATUS	VIO	CAUSE				DEFERRAL REASON				
1. DEPOT 1. IMMEDIATELY 2. IMA 2. PRIOR TO NEXT UNDERWAY 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 4. DURING POST DEPLOYMENT AVAILABILITY 4				OPERATIONAL NON-OPERATION REDUCED CAPAB NOT APPLICABLE	2. MANFAC 3. LACK OF 4. COMMUI 5. INADEQI 6. INADEQI	KNOWLEDO NICATION PR JATE INSTRU JATE DESIGI WEAR AND	ALLATION DEF SE SOBLEMS JCTION/PROCE N TEAR		1. SIF BACKLOGIOPERATIONAL PRIORTY 2. LACK OF MATERIAL 3. NO FORMAL TRAINING ON THIS EQUIPME 4. FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT 5. INADEQUATE SCHOOL PRACTICAL TRAIN 6. LACK OF FACILITIES/CAPABILITIES 7. NOT AUTHORIZED FOR SIF ACCOMPLISHI 8. FOR SIF OVERHAUL OR AVAILABILITY WO LIST 9. LACK OF TECHNICAL DOCUMENTATION 10. OTHER OR NOT APPLICABLE		PMENT HIS PAINING ISHMENT WORK			
4		4		1	7					6				
MAN HRS EXPENDED			REMAINING		COMPLETED ACTION TAKEN					MANHOURS	PR	IORTY		
2 SAFETY HAZARD: 1. SERIOUS - CORRECT 2. SERIOUS - SUSPENSI 3. SERIOUS - WAVIER OI 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATE) REQUIRED	2. MAINTE 3. MAINTE 4. CANCEI 5. MAINTE	1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 5. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 6. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION											
DISCREPANCY	DESC	RIPTION:	PER SE	MAT II UNDER	WATER	HULL A	SSESSN	IENT: PO	RT STERN	GATE HYDRAULIC O	PERAT	OR		
EMERGENCY R	IG –CC	NN SPA	CE (4-26	8-2-Q) HAS HE	AVY CC	PRROSIC	N ON F	ND BLKD,	SHELL AN	ID TRANSOM. APPRO	X. 200	SF.		
RECOMMENDE	D REP	AIRS: SE	IPS FOR	RCE CLEAN TO	BARE	METAL, P	RIME AI	ND PAIN I	. APPROX.	200 SF.				
•														
SSPORT C221 I	OC: B	WILLIA	MS (757	7) 396-4001 TE	OC. C I	BUCK								
CSMP SUMMAR	RY			,	00.0					TEST#				
CORRODED				268-2-Q)						MRC 1102/1				
ROOT CAUSE/A	MPLIF	ICATION	l:							STEP# 1 THRU 5				
SYSTEM LEVEL	. IMPA	CT:								1 111110 5				
PART NO.	-			NOMENCLATI	JRE			QTY	NSN			COST		
1														
2														
3										<u> </u>				
4														
5														
6														
FIRST CONTAC BUYNA		RA' HT '		SECONI TEECE	CONT	ACT		RATE DC 1	Р	HONE				
ASSESSOR / AC J.LAROCK /C.SI			TEMS IN	NC. (757-490-50)47)	T	D	TL	LOGI	STICIAN		TSP		

USS NASHVILLE (LPD-13) STERN GATE HYD OPERATOR EMERGENCY_RIG-CONN SPACE (4-268-2-Q)



HEAVY PAINT SEPARATION AND RUST ON FORWARD BULKHEAD. U/T READINGS SHOW NO SIGNIFICANT METAL LOSS.REFER TO DRAWING. JSN A368





			PORT SIDE S	SHELL				
FRAME	2 (274)					FRAN	ИЕ (268)	
	.412	.413	.413	.411	. 414	.415		.413
	Δ	Δ	Δ	Δ	Δ	Δ	Δ	
WELD SEAM								
WEELSTAN	∆.480 △	∆.488	∆.489	∆.483	∆.486	∆.489	Δ	.485
6X4 T BEAM	W .231 F .221	W .232 F .327	W.232 F .348	W .233 F .403	W .257 F .400	W .254 F .395	W.250 F .391	
SHELL DESIGN THICKNESS .438	Δ .486	△ _{.482}	Δ _{.491}	Δ _{.493}	△ _{.493}	Δ _{.491}	Δ	.490
MINIMUM .330	Δ .489	Δ .493	Δ .495	Δ .496	Δ .491	Δ .495	Δ	.491
	△ .487	Δ .493	∆ .497	∆ .494	∆ .496	△ .494	Δ	.491
	W .222 F .350	W .232 F .343	W. 221 F .346	W .250 F .404	W .256 F .402	W .251 F .403	W .238 F .397	
	Δ .489	Δ .493	Δ .491	Δ .495	Δ .495	Δ .494	Δ	.492
	Δ .484	Δ .487	Δ .489	Δ .495	Δ .493	Δ .494	Δ	. 492
	Δ .484	△ .483	△ .493	△ .493	△ .491	△ .492	Δ	.488

USS NASHVILLE (LPD-13) STERN GATE HYD OPERATOR EMER RIG-CONN SPACE (4-268-2-Q) PORT SIDE SHELL J. LAROCK / C. SHORT QED SYSTEMS INC. 7/25/02

ITEM NUMBER								SHIP	USS NASHVILL	E (LPD-1	3)
SYSTEM SHELL&SUPPORTI	NGSTRUCTUR	RE 110	ESWBS 11011	E	IC		APL	•		RIN	
EQUIPMENT NAME HULL STRUCTUR	DE 1102YV		IDENT/SERIAL	N/A		LOCATIO	วัก I-268-1-C		RK CENTER ER02	JSN	N A384
EQUIPMENT STATUS	KL 1102X1	PROB	LEM STATUS	IV/A	T		F-200-1-G	CATEGORY			EOC
SAT - SATISFACTO UNSAT - UNSATISFACTO TOURSAT - UNSATISFACTO TOURSAT - UNSATISFACTO TOURSATISFACTO TOU	CTORY TTEMPTED		C - CORRECTED A - AWAITING PARTS T - AWAITING TECH ASS S - SHIP'S FORCE "UNCORRECTED PROBLE		2. Z - E0	ERSONNEL SAFET QUIPMENT SAFET ARDWARE			4. D - DOWN 5. L - LIMITED		.6
TYPEAVAILABILITY	WHEN:	TO BE	STATUS	.wio	CAUSE				DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 1	3.PIROR TO NEXT 6. INADEQUATE DESIGN 5. INADEQUATE SCHOOL PRACTI							G ON THIS EQUIF ADEQUATE IN TH L PRACTICAL TR CAPABILITIES R S/F ACCOMPLI R AVAILABILITY DOCUMENTATIO	IS EQUIPMENT ITE IN THIS ITEAL TRAINING ITES ITEAL ITE		
MAN HRS EXPENDED	MA	N HRS REMAIN	ng 500	COMPLE	TED ACTIO	N TAKEN		S/F	MANHOURS	PRI	ORTY
SAFETY HAZARD: 1. SERIOUS - CORRECT 2. SERIOUS - SUSPENSI 3. SERIOUS - WAVIER O 4. SAFETY ITEM - MINOI 5. COMBUSTIBLE MATE	ACE REQUIRED	1. MAINTENANCE ACTION COMPLETED: PARTS DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PARTS NOT DRAWN FROM SUPPLY 3. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM GSMP 5. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 6. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION						2. E 3. H 2. C	1. MANDATORY 2. ESSENTIAL 3. HIGHLY DESIRABLE 4. DESIRABLE		
									TERN GATE EME	RGENCY R	RIG CONN
SPACE. BASIN	WALL IS T	HINNING A	ALONG THE DECK	(. 2 ND S	TRINGE	R FROM DI	ECK IS H	OLED AT F	WD BHD.		
RECOMMENDE	D REPAIR	S: RECOM	MEND REPAIR A	CTIVITY	CUT O	UT AND RE	PLACE A	APPROXIM	ATELY 40SQF OF	BASIN WA	Al I
			LACING BOTH 6X							27.1011.117	,
					•						
		ILLIAMS (757) 396-4001 TI	POC: C.	BUCK						
	THINNING		STRINGER (4-268	3-1-Q)					TEST# MRC 1102/1		
ROOT CAUSE/A	AMPLIFICA	IIION:							STEP# 1 THRU 5		
SYSTEM LEVEL	L IMPACT:								1		
PART NO.			NOMENCLAT	URE			QTY	NSN			COST
1											
2											
3											
4											
5						Ì					
6											
FIRST CONTAC		RATE HT1	SECONI TEECE	D CONT	ACT		RATE DC 1	P	HONE	<u> </u>	
ASSESSOR / A	CT / TECH		S INC. (757-490-50	047)		TD	TL	LOGI	STICIAN		TSP

USS NASHVILLE (LPD-13) STERN GATE HYD OPERATOR EMERGENCY_RIG-CONN SPACE (4-268-1-Q)



HOLED 2ND STRINGER, ON INBOARD SIDE OF BASIN WALL AT BULKHEAD 268.



CORROSION ON THE TRANSOM

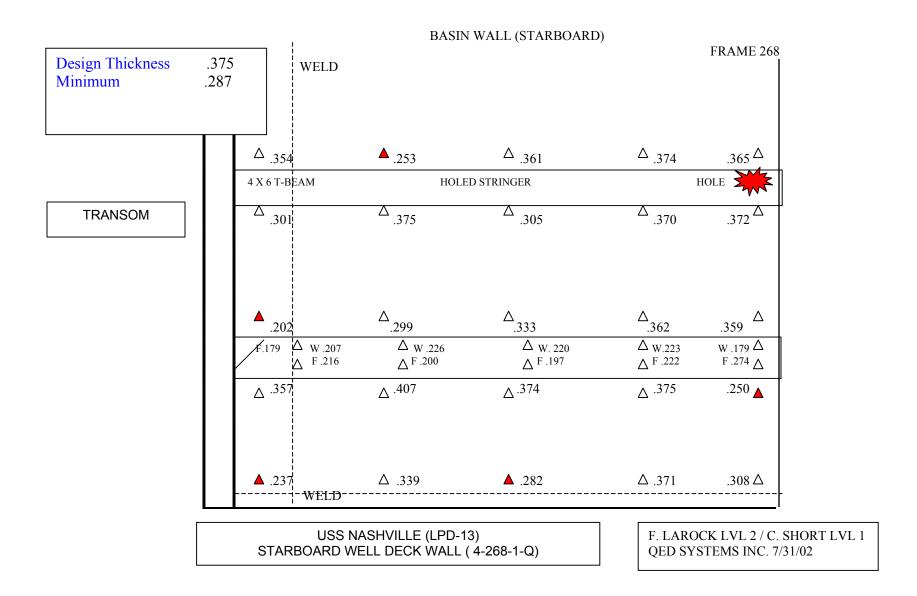
USS NASHVILLE (LPD-13) STERN GATE HYD OPERATOR EMERGENCY_RIG-CONN SPACE (4-268-1-Q)

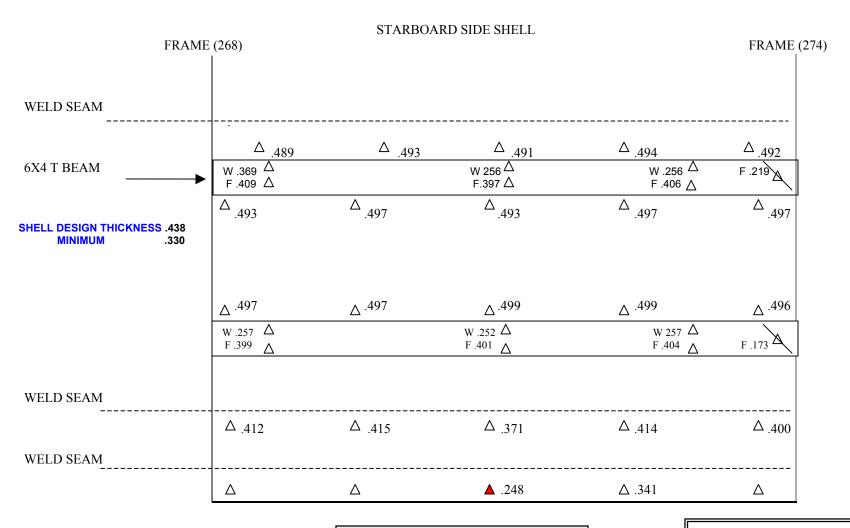


CORROSION ON THE SHELL.



FORWARD BULKHEAD

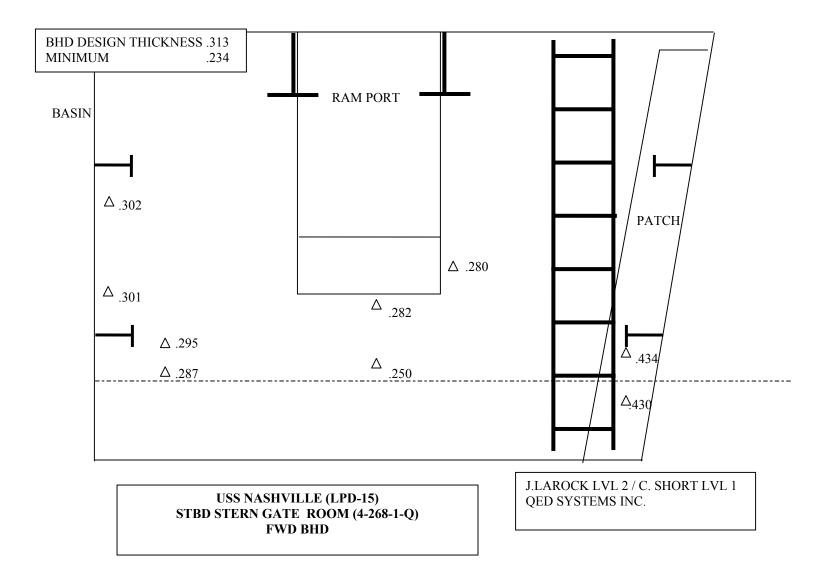




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USS NASHVILLE (LPD-13) STERN GATE HYD OPERATOR EMER RIG-CONN SPACE (4-268-1-Q) STARBOARD SIDE SHELL J. LAROCK / C. SHORT QED SYSTEMS INC. 7/25/02

3RD DECK



							OLUB			
ITEM NUMBER							SHIP	USS NASHVILLE	E (LPD-13	3)
SYSTEM SHELL&SUPPORTING	SSTRUCTURE 110	ESWBS 11011		EIC		APL	•		RIN	N/L
EQUIPMENT NAME HULL STRUCTURE	1102XY	IDENT/SERIA	AL N/A		LOCATI	ом 1-268-1-С		ER02	JSN	A381
EQUIPMENT STATUS		PROBLEM STATUS	11//				CATEGOR			EOC
1. SAT - SATISFACTOR' 2. UNSAT - UNSATISFACTOR' 3. TNA - TEST NOT ATTE 4. TNC - TEST NOT COM 5. NOB - EQUIPMENT NO	ORY EMPTED IPLETED	1. C - CORRECTED 2. A - AWAITING PAR 3. T - AWAITING TEC 4.S - SHIP'S FORCE *UNCORRECTED PR	CH ASSIST*	2. Z - EQ	RSONNEL SAFE UIPMENT SAFET ARDWARE			4. D - DOWN 5. L - LIMITED		.8
TYPEAVAILABILITY	WHEN TO BE	STATUS	COBLEMS	CAUSE				DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	ACCOMPLISHED 1. IMMEDIATELY 2. PRIOR TO NEXT UNDERWAY 3. PIROR TO NEXT DEPLOYMENT 4. DURING POST DEPLOYMENT AVAILABILITY	3. REDUCED (ATIONAL	2. MANF 3. LACK 4. COMM 5. INADE 6. INADE 7.NORM	RMAL ENVIRONI ACTURER/INSTA OF KNOWLEDGE IUNICATION PRO QUATE INSTRU QUATE DESIGN AL WEAR AND TI PPLICABLE	2. LACK OF MATERIAL 3. NO FORMAL TRAINING 4. FORMAL TRAINING INA EQUIPMENT 5. INADEQUATE SCHOOL 6. LACK OF FACILITIES/C/ 7. NOT AUTHORIZED FOR 8. FOR S/F OVERHAUL OF LIST	AL TRAINING ON THIS EQUIPMENT RAINING INADEQUATE IN THIS IT ITS CHOOL PRACTICAL TRAINING ACILITIES/CAPABILITIES ORIZED FOR SIF ACCOMPLISHMENT VERHAUL OR AVAILABILITY WORK ECHNICAL DOCUMENTATION			
MAN HRS EXPENDED	MAN HRS REM	MAINING 300	COMF	PLETED ACTION	TAKEN		S/F	MANHOURS	PRI	ORTY
SAFETY HAZARD: 1. SERIOUS - CORRECT A: 2. SERIOUS - SUSPENSION 3. SERIOUS - WAVIER OF I 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERI DISCREPANCY E SPACE HAS HEA	N OF EQUIPMENT/SYSTEM EQUIPMENT/SYSTEM AL DESCRIPTION: P NY CORROSION	M/SPACE REQUIRED PER SEMAT II UN N ON FWD BLKD,	2. MAI 3. MAI 4. CAI 5. MAI 6. NOI DERWAT SHELL A	INTENANCE AC' INTENANCE AC' VCELLED - DEFI INTENANCE AC' NE OF THE ABO ER HULL IND TRAN:	TION COMPLETE ERRAL WILL BE I TION COMPLETE VE, DESCRIBE II ASSESSM SOM. APPI	D: REQUIRED D: NO PARTS REMOVED FR D: 3-M CAPAE N REMARKS/E ENT: (4-2	PARTS NOT DI REQUIRED OM CSMP SILITY UTILIZED SESCRIPTION S 68-1-Q) S SF.	RAWN FROM SUPPLY ECTION TERN GATE EMER	2. E 3. H D 4. D	IANDATORY SSENTIAL IIGHLY JESIRABLE JESIRABLE
RECOMMENDED	REPAIRS: SHIP	S FURCE CLEAN	N AREA I	O BARE IV	ETAL, PRI	WE AND	PAINT. AF	PROX. 200 SF.		
•										
SSPORT C221 P	OC: B. WILLIAM	S (757) 396-4001	TPOC:	C.BUCK						
ROOT CAUSE/AM H1 SYSTEM LEVEL	Y MPLIFICATION:	, ,						TEST# MRC 1102/1 STEP# 1 THRU 5		
STSTEW LEVEL	IIVIPACT:									
PART NO.		NOMENC	LATURE			QTY	NSN			COST
1										
2										
3										
4										
5										
6										
FIRST CONTACT BUYNA	RATE HT1	SEC TEE	OND COI	NTACT		RATE DC 1	F	PHONE		
ASSESSOR / ACT		EMS INC. (757-49	0-5047)		TD	TL	LOG	ISTICIAN		TSP

USS NASHVILLE (LPD-13) STERN GATE HYD OPERATOR EMERGENCY_RIG-CONN SPACE (4-268-1-Q)



CORROSION ON THE SHELL AND FORWARD BULKHEAD (268)



INBOARD SIDE OF BASIN WALL

ITEM NUMBER								SHIP				
LM NOMBER								J.IIIF	USS NAS	HVILLE (LPC	D-13))
SYSTEM SHELL&SUPPORTING	STRUCTURE 110		11011	EI	С		APL	•		,	RIN	N/L
EQUIPMENT NAME HULL STRUCTURE	1102XY		DENT/SERIAL	N/A		LOCAT	ion 8-44-1-I		WORK CENTER ER	02	JSN	A383
EQUIPMENT STATUS	TIOEXT	PROBLEM STAT	TUS	IN//			0-44-1-1	CATEG		02		EOC
1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTE 4. TNC - TEST NOT COM 5. NOB - EQUIPMENT NO	ORY EMPTED IPLETED	2. A - AW 3. T - AW 4.S - SHI I	RRECTED /AITING PARTS /AITING TECH ASSI P'S FORCE RECTED PROBLEM		2. Z - E	ERSONNEL SAFE QUIPMENT SAFE IARDWARE				- DOWN - LIMITED		.7
TYPEAVAILABILITY	WHEN TO BE	ST	ATUS	10	CAUSE				DEFERRAL F	EASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL	1. IMMEDIATELY 2. PRIOR TO NE UNDERWAY 3. PIROR TO NE DEPLOYMENT 4. DURING POS' DEPLOYMENT AVAILABILITY 4	XT 2.1 XT 3.1 XT 4.1	OPERATIONAL NON-OPERATIONA REDUCED CAPABII NOT APPLICABLE		2. MANI 3. LACH 4. COM 5. INAD 6. INAD 7.NORM	ORMAL ENVIRON FACTURER/INST COF KNOWLEDG MUNICATION FE EQUATE INSTRI EQUATE DESIGN AUAL WEAR AND TAPPLICABLE	ALLATION DE E OBLEMS CTION/PROO I 'EAR		2. LACK OF N 3. NO FORMA 4. FORMAL T EQUIPMEN 5. INADEQUA 6. LACK OF F 7. NOT AUTH 8. FOR S/F O' LIST 9. LACK OF T	L TRAINING ON THIS E RAINING INADEQUATE	EQUIPM IN THIS AL TRAII ES OMPLISI ILITY W	NING HMENT
MAN HRS EXPENDED	MAN HRS R	EMAINING 200		COMPLET	TED ACTIO	N TAKEN			S/F MANHOURS		PRIO	RTY
SAFETY HAZARD: 1. SERIOUS - CORRECT AS 2. SERIOUS - SUSPENSION 3. SERIOUS - WAVIER OF I 4. SAFETY ITEM - MINOR 5. COMBUSTIBLE MATERI. DISCREPANCY D ENTIRE SPACE I RECOMMENDED . SSPORT C221 PO CSMP SUMMARY ENTIRE SPACE I ROOT CAUSE/AM H1 SYSTEM LEVEL	REPAIRS: SHOC: B. WILLIAI Y NEEDS PRESE	PER SEMA ROSION AI IIPS FORCE MS (757) 38	AT II UNDER ND PAINT S E POWER C	2. MAINTE 3. MAINTE 4. CANCE 5. MAINTE 6. NONE C WATEF EPARA	ENANCE ACE ENANCE ACE LLED - DEF ENANCE ACE ENANCE ACE ENANCE ACE ENANCE ACE ENTIRE	ETION COMPLET FERRAL WILL BE FETION COMPLET DVE, DESCRIBE ASSESSI SHELL, BU	ED: REQUIRE ED: NO PART REMOVED F ED: 3-M CAP, N REMARKS IENT: F LKHEAD	ED PARTS NOT TS REQUIRED TROM CSMP ABILITY UTILIZ VIDESCRIPTION ORWARD	ED SECTION D PUMP ROOI TRINGERS. A	M (8-44-1-E) PPROX. 500 S AINT	2. ESS 3. HIG DES 4. DES	NDATORY SENTIAL HILY SIRABLE SIRABLE 4
		NC	NATIOL ATI	IDE			OTV	NO				2007
PART NO.		NC	OMENCLATU	JKE			QTY	NSI	N			OST
1												
3											+	
4								+			+	
5											+	
6											+	
FIRST CONTACT BUYNA	RAT		SECOND	CONT	ACT		RATE DC 1		PHONE			
ASSESSOR / AC			IEECE			TD	TL	LC	GISTICIAN		Т	SP
J.LAROCK /C.SH		TEMS INC.	(757-490-50	47)			. –		2.0		Ι΄	

USS NASHVILLE (LPD- 13) FORWARD PUMP ROOM (8-44-1-E)



PUMP AT BHD 52. ENTIRE SPACE HAS MILD CORROSION AND PAINT FAILURE. ARROW INDICATES CORROSION BELOW.



USS NASHVILLE (LPD-13) FORWARD PUMP ROOM (8-44-1-E)



CORROSION AND PAINT SEPARATION IN THE ENTIRE SPACE



TRAPPED WATER IS THE MAIN CAUSE OF CORROSION.



ITEM NUMBER							j	SHIP	LICC NACHVILLE (I	DD 42	
SYSTEM		1	SWBS	- 1	EIC		APL		USS NASHVILLE (L	PD-13	
SHELL&SUPPORTIN	IGSTRUCTURE 11		11011		EIG						N/L
EQUIPMENT NAME HULL STRUCTURE	E 1102XY		IDENT/SERIAL	N/A		LOCA	TION 8-216-1-E	WO	RK CENTER ER02	JSN	A370
EQUIPMENT STATUS		PROBLEM	STATUS					CATEGORY	/		EOC
1. SAT - SATISFACTOR 2. UNSAT - UNSATISFACT 3. TNA - TEST NOT AT 4. TNC - TEST NOT CO 5. NOB - EQUIPMENT N	TORY TEMPTED MPLETED	2. A 3. T 4.S	- CORRECTED - AWAITING PARTS - AWAITING TECH ASS - SHIP'S FORCE		2. Z - E0	ERSONNEL SAF QUIPMENT SAFE ARDWARE		4. D - DOWN 5. L - LIMITED			
TYPEAVAILABILITY	WHEN TO BE ACCOMPLISHE	ĒD	STATUS		CAUSE				DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 4	1. IMMEDIATEL 2. PRIOR TO N UNDERWAY 3. PIROR TO NE DEPLOYMENT 4. DURING POE DEPLOYMENT AVAILABILITY	_Y EXT EXT ST	OPERATIONAL NON-OPERATION REDUCED CAPAB NOT APPLICABLE	1. ABNORMAL ENVIRONMENT 2. MANFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 5. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN					SIF BACKLOG/OPERATIONAL PRIORTY LACK OF MATERIAL NO FORMAL TRAINING ON THIS EQUIPMENT FORMAL TRAINING INADEQUATE IN THIS EQUIPMENT SINADEQUATE SCHOOL PRACTICAL TRAINING LACK OF FACILITIES/CAPABILITIES NOT AUTHORIZED FOR S/F ACCOMPLISHMENT FOR S/F OVERHAUL OR AVAILABILITY WORK LIST LACK OF TECHNICAL DOCUMENTATION OTHER OR NOT APPLICABLE		
MAN HRS EXPENDED	MAN HRS	REMAINING		COMPLETED ACTION TAKEN S/F MANHOURS						PRIC	ORTY
2 200 SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS. SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAVIER OF EQUIPMENT/SYSTEM 4. SAFETY ITEM_MINDS 5. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED DATS NOT DRAWN FROM SUPPLY 6. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED DATS SERIOURED 7. MAINTENANCE ACTION COMPLETED: NO PARTS REQUIRED DATS SERIOURED 8. MAINTENANCE ACTION COMPLETED: NO ACROSS SERIOURED DATS SERIOURED 9. MAINTENANCE ACTION COMPLETED: NO ACROSS SERIO											IGHLY ESIRABLE ESIRABLE 4 OCATED RUST ON
PART NO.	-		NOMENCLAT	URE			QTY	NSN		(COST
1											
2											
3											
4										Ī	
5										Ī	
6										İ	
FIRST CONTACT			SECONI TEECE	O CON	TACT		RATE DC 1	P	HONE	<u> </u>	
ASSESSOR / AC		1	I IEECE			TD	TL	LOGI	STICIAN	Τ.	TSP
J.LAROCK /C.SF		STEMS IN	NC. (757-490-50	047)							

USS NASHVILLE (LPD-13) GAS SYSTEMS SALT WATER PUMP ROOM (8-216-1-E)



CORROSION ON THE SHELL AND STRINGERS BETWEEN FRAMES (216-220). JSN A370





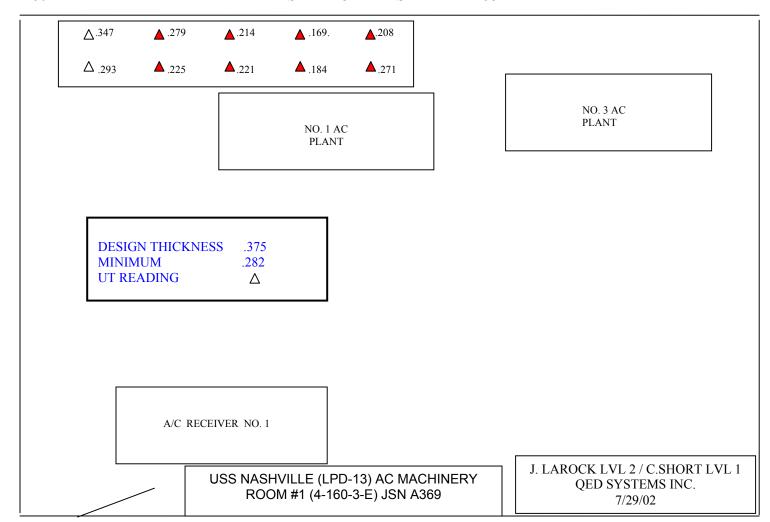


EQUIPMENT NAME HULL STRUCTURE 1102XY N/A A-160-3-E ER02 A-3	
EQUIPMENT NAME HULL STRUCTURE 1102XY N/A LOCATION WORK CENTER JSN	.6
EQUIPMENT STATUS PROBLEM STATUS 1. SAT - SATISFACTORY 2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD TYPEAVAILABILITY WHEN TO BE ACCOMPLISHED 1. DEPOT 1. IMMEDIATELY 2. IMA 2. PRIOR TO NEXT UNDERWAY 2. NON-OPERATIONAL 3. I. S - PERSONNEL SAFETY 4. S - PERSONNEL SAFETY 5. L - LIMITED 5. L - LIMITED 5. L - LIMITED 7. A - AWAITING TECH ASSIST* 4. S - SHIP'S FORCE 1. STATUS CAUSE DEFERRAL REASON CAUSE DEFERRAL REASON 1. ABNORMAL ENVIRONMENT 2. MANFACTURER/INISTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 4. FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING TRAINING TRAINING THIS EQUIPMENT	.6
1. SAT - SATISFACTORY 2. UNSATI- UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD TYPEAVAILABILITY WHEN TO BE ACCOMPLISHED 1. DEPOT 1. IMMEDIATELY 1. OPERATIONAL 2. IMA 2. PRIOR TO NEXT UNDERWAY 4. D. DOWN 2. Z EQUIPMENT SAFETY 3. H - HARDWARE 3. H - HARDWARE 4. D. DOWN 5. L - LIMITED 5. L - LIMITED 5. L - LIMITED 5. L - LIMITED 5. L - LIMITED 5. L - LIMITED 7. LIMITED	.6
2. UNSAT - UNSATISFACTORY 3. TNA - TEST NOT ATTEMPTED 4. TNC - TEST NOT COMPLETED 5. NOB - EQUIPMENT NOT ONBOARD TYPEAVAILABILITY WHEN TO BE ACCOMPLISHED 1. DEPOT 1. DEPOT 2. IMA 2. PRIOR TO NEXT UNDERWAY 2. NON-OPERATIONAL 2. IMA 2. PRIOR TO NEXT UNDERWAY 2. A - AWAITING PARTS 3. T - AWAITING TECH ASSIST* 4.S - SHIP'S FORCE **UNCORRECTED PROBLEMS CAUSE CAUSE DEFERRAL REASON 1. ABNORMAL ENVIRONMENT 2. MANFACTURER/INSTALLATION DEFECTS 3. NO FORMAL TRAINING ON THIS EQUIPMENT 4. COMMUNICATION PROBLEMS 4. FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING AND THIS EQUIPMENT 4. FORMAL TRAINING AND THIS EQUIPMENT 4. FORMAL TRAINING AND THIS EQUIPMENT 4. FORMAL TRAINING AND THIS EQUIPMENT 4. FORMAL TRAINING AND THIS EQUIPMENT 4. FORMAL TRAINING AND THIS EQUIPMENT 4. FORMAL TRAINING AND THIS EQUIPMENT 4. FORMAL TRAINING AND THIS EQUIPMENT 4. FORMAL TRAINING AND THIS EQUIPMENT 4. FORMAL TRAINING AND THIS EQUIPMENT 4. FORMAL TRAINING AND THIS EQUIPMENT 4. FORMAL TRAINING AND THIS EQUIPMENT 4. FORMAL TRAINING AND THIS EQUIPMENT 4. FORMAL TRAINING AND THIS EQUIPMENT 5. L - LIMITED 5. L - LIMITE	
TYPEAVAILABILITY WHEN TO BE ACCOMPLISHED 1. DEPOT 1. IMMEDIATELY 1. OPERATIONAL 1. ABNORMAL ENVIRONMENT 2. IMA 2. PRIOR TO NEXT UNDERWAY 1. OPERATIONAL 1. ABNORMAL ENVIRONMENT 2. MANFACTURER/INSTALLATION DEFECTS 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 4. FORMAL TRAINING ON THIS EQUIPMENT 4. FORMAL TRAINING INDEQUATE IN THIS	
1. DEPOT 1. IMMEDIATELY 1. OPERATIONAL 2. IMA 2. PRIOR TO NEXT UNDERWAY 1. OPERATIONAL 1. ABNORMAL ENVIRONMENT 2. MANFACTURER/INSTALLATION DEFECTS 3. LACK OF MATERIAL 3. NON-OPERATIONAL 4. COMMUNICATION PROBLEMS 4. FORMAL TRAINING INADEQUATE IN THIS	
2. IMA 2. PRIOR TO NEXT 2. NON-OPERATIONAL 3. LACK OF KNOWLEDGE 3. NO FORMAL TRAINING ON THIS EQUIPMENT UNDERWAY 4. COMMUNICATION PROBLEMS 4. FORMAL TRAINING INADEQUATE IN THIS	
3. TECH ASSIST S. INADEQUATE INSTRUCTION/PROCEDURE EQUIPMENT	3
3. PIROR TO NEXT 6. INADEQUATE DESIGN 5. INADEQUATE SCHOOL PRACTICAL TRAINING 4. SHIP'S FORCE 6. INADEQUATE SCHOOL PRACTICAL TRAINING 7. NORMAL WEAR AND TEAR 6. LACK OF FACILITIES/CAPABILITIES 8. NOT APPLICABLE 7. NOT AUTHORIZED FOR SIF ACCOMPLISHME	NT
5. SFWL 4. DURING POST DEPLOYMENT AVAILABILITY WORK LIST 9. LACK OF TECHNICAL DOCUMENTATION 10. OTHER OR NOT APPLICABLE	
4 1 1 7	j
MAN HRS EXPENDED MAN HRS REMAINING COMPLETED ACTION TAKEN S/F MANHOURS PRIORTY 2 400	
SAFETY HAZARD: 1. SERIOUS - CORRECT AS SOON AS POSSIBLE 2. SERIOUS - SUSPENSION OF EQUIPMENT/SYSTEM/SPACE REQUIRED 3. SERIOUS - WAVIER OF EQUIPMENT/SYSTEM/SPACE REQUIRED 4. SAFETY ITEM - MINO - ART'S REQUIRED PART'S NOTO TRAWN FROM SUPPLY 5. SERIOUS - WAVIER OF EQUIPMENT/SYSTEM 6. NONE OF THE ABOVE, DESCRIBE IN REMARKS/DESCRIPTION SECTION 5. COMBUSTIBLE MATERIAL 1. MAINTENANCE ACTION COMPLETED: PART'S DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PART'S NOTO TRAWN FROM SUPPLY 3. SHEROUS - WAVIER OF EQUIPMENT/SYSTEM 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 5. MAINTENANCE ACTION COMPLETED: 3-M CAPABILITY UTILIZED 5. COMBUSTIBLE MATERIAL 1. MAINTENANCE ACTION COMPLETED: PART'S DRAWN FROM SUPPLY 2. MAINTENANCE ACTION COMPLETED: REQUIRED PART'S NOT DRAWN FROM SUPPLY 3. SHEROUS - OWNED FACTOR OF DAR'S REQUIRED 3. MAINTENANCE ACTION COMPLETED: REQUIRED PART'S NOT DRAWN FROM SUPPLY 4. CANCELLED - DEFERRAL WILL BE REMOVED FROM CSMP 5. MAINTENANCE ACTION COMPLETED: PART'S DRAWN FROM SUPPLY 6. MAINTENANCE ACTION COMPLETED: REQUIRED PART'S NOT DRAWN FROM SUPPLY 6. MAINTENANCE ACTION COMPLETED: REQUIRED PART'S NOT DRAWN FROM SUPPLY 6. MAINTENANCE ACTION COMPLETED: REQUIRED PART'S NOT DRAWN FROM SUPPLY 6. MAINTENANCE ACTION COMPLETED: PART'S DRAWN FROM SUPPLY 6. MAINTENANCE ACTION COMPLETED: PART'S DRAWN FROM SUPPLY 6. MAINTENANCE ACTION COMPLETED: PART'S DRAWN FROM SUPPLY 6. MAINTENANCE ACTION COMPLETED: PART'S DRAWN FROM SUPPLY 6. MAINTENANCE ACTION COMPLETED: PART'S DRAWN FROM SUPPLY 6. MAINTENANCE ACTION COMPLETED: PART'S DRAWN FROM SUPPLY 6. MAINTENANCE ACTION COMPLETED: PART'S DRAWN FROM SUPPLY 6. MAINTENANCE ACTION COMPLETED: PART'S DRAWN FROM SUPPLY 6. MAINTENANCE ACTION COMPLETED: PART'S DRAWN FROM SUPPLY 6. MAINTENANCE ACTION COMPLETED: PART'S DRAWN FROM SUPPLY 6. MAINTENANCE ACTION COMPLETED: PART'S DRAWN FROM SUPPLY 6. MAINTENANCE ACTION COMPLETED: PART'S DRAWN FROM SUPPLY 6. MAINTENANCE ACTION COMPLETED: PART'S DRAWN FROM SUPPLY 6. MAINTENANCE ACTION COMPLETED: PART'S DRAWN FROM SUPPLY 6	TIAL / ABLE ABLE
DISCREPANCY DESCRIPTION: PER SEMAT II UNDERWATER HULL ASSESSMENT: AC MACHINERY ROOM NO. 1 (4-160-3-E), TH	Ē
DECK/TANK TOP ALONG THE FWD STBD SIDE IS THINNING UNDER THE REFRIGERANT BOTTLE RACK. APPROX. 4 SF.	
BOTTLE RACK IS DAMAGED, PREVENTING BOTTLE REMOVAL AND DECK PRESERVATION. REFER TO DRAWING FOR	
UT READINGS. TANK TOP IS (8-160-5-F)	
BECOMMENDED BEDAUDO: DEDAUD AOTIVITY OF SAN AND CAC EDEE TANK (O 400 F E) OUT OUT ADDDOY, 4 OF OF DEGLETANIC	TOD
RECOMMENDED REPAIRS: REPAIR ACTIVITY CLEAN AND GAS FREE TANK (8-160-5-F). CUT OUT APPROX. 4 SF OF DECK/TANK ALONG STBD SHELL, FROM FRAME 168 TO 164. REPLACE WITH .375 OS. PERFORM NDT ON TANK TOP. REPAIR	TOP
BOTTLE RACK, PRIME AND PAINT.	
BOTTLE TRACK I TRIME AND FAIRT.	
SSPORT C221 POC: B. WILLIAMS (757) 396-4001 TPOC: C.BUCK	
CSMP SUMMARY TEST#	
THINNING DECK/TANK TOP, DAMAGED BOTTLE RACK (4-160-3-E) MRC 1102/1	
ROOT CAUSE/AMPLIFICATION: STEP#	
H1 1 THRU 5	
SYSTEM LEVEL IMPACT:	
PART NO. NOMENCLATURE QTY NSN COS	ST
1	
2	
3	
4	
5	
BUYNA HT1 TEECE DC 1	
ASSESSOR / ACT / TECH ID# TD TL LOGISTICIAN TSF J.LAROCK /C.SHORT QED SYSTEMS INC. (757-490-5047)	,

USS NASHVILLE (LPD-13) AC MACHINERY ROOM NO. 1 (4-160-3-E)



ARROW INDICATES THINNING TANK TOP/DECK. REFER TO DRAWING FOR UT READINGS. JSN A369



ITEM NUMBER											SHIP				
TIEM NOMBER											Silir		USS NASHVILLE	(LPD-	13)
SYSTEM SHELL&SUPPORTIN	NGSTRUCT	JRE 110		swвs 11011		EIC				APL	ı			· -	IN N/L
EQUIPMENT NAME	E 4400VV		-	IDENT/SERIAL	N1/A			LC	CATIC			WOR	K CENTER	J	SN
HULL STRUCTUR EQUIPMENT STATUS	E 1102XY		PROBLEM	STATUS	N/A	ī				4-52-1-E	CAT	rEGORY	ER02		A 366
1. SAT - SATISFACTO 2. UNSAT - UNSATISFAC 3. TNA - TEST NOT AT 4. TNC - TEST NOT CO 5. NOB - EQUIPMENT N	TORY TEMPTED OMPLETED	D	2. A 3. T 4.S	- CORRECTED - AWAITING PARTS - AWAITING TECH AS - SHIP'S FORCE CORRECTED PROBLE			2. Z - EQ	RSONNEL : UIPMENT S ARDWARE					4. D - DOWN 5. L - LIMITED		.8
TYPEAVAILABILITY	WHE	N TO BE		STATUS	INIO		CAUSE						DEFERRAL REASON		
1. DEPOT 2. IMA 3. TECH ASSIST 4. SHIP'S FORCE 5. SFWL 4	ACCOMPLISHED 1. IMMEDIATELY 1. OPERATIONAL 2. MANFACTURER/INSTALLATION DEFECTS 2. PRIOR TO NEXT UNDERWAY 3. LACK OF KNOWLEDGE 4. COMMUNICATION PROBLEMS 3. REDUCED CAPABILITY 3. PRIOR TO NEXT 3. PRIOR TO NEXT 6. INADEQUATE INSTRUCTION/PROCEDURE 6. INADEQUATE DESIGN 5. INADEQUATE SESIGN						N THIS EQU EQUATE IN RACTICAL T ABILITIES /F ACCOMF VAILABILIT	JIPMENT THIS FRAINING PLISHMENT 'Y WORK							
MAN HRS EXPENDED	- 1	MAN HRS F	REMAINING 100	<u> </u>	COM	PLETE	D ACTION	ITAKEN				S/F N	IANHOURS	Р	RIORTY
APPROX 50 SQ	ON OF EQUIPI F EQUIPMENT RIAL DESCRII F OF MILI	MENT/SYSTEM PTION: D COR	PER SE	MAT II UNDEF AND PAINT S	2. MA 3. MA 4. CA 5. MA 6. NO	INTEN. INTEN. NCELL INTEN. NE OF	ANCE ACT ANCE ACT ED - DEFE ANCE ACT THE ABO HULL ON ON	TION COMP TION COMP ERRAL WILL TION COMP VE, DESCR ASSES	PLETEC PLETEC L BE R PLETEC RIBE IN	D: NO PARTS EMOVED FRO D: 3-M CAPAB REMARKS/D ENT: EW ELL AND	PARTS I REQUIR OM CSMI BILITY UT DESCRIPT MERGI D BLK	NOT DRA ED P IILIZED FION SEC ENCY HD (6	WN FROM SUPPLY	M 1 (4-	ANELS.
CSMP SUMMAR CORR ROOT CAUSE/A H1 SYSTEM LEVEL	RY ROSION C	ON DEC	K,SHEL	') 396-4001 T L AND BHD (6		C.B	UCK						TEST# MRC 1102/1 STEP# 1 THRU 5		
DART NO				NOMENCLAT	IIDE					OTV	l N	ISN			COST
PART NO.				NOWENCLAT	UKE				+	QTY	IN	ISIN			0031
2															
3															
4															
5											Ī				_
6									j		ĺ				
FIRST CONTAC BUYNA		RAT HT 1		SECON TEECE	D CO	NTA	CT			RATE DC 1		Pl	HONE		
ASSESSOR / AC J.LAROCK /C.SI	CT / TECH	I ID#		•	047)			TD	_	TL		LOGIS	STICIAN		TSP

USS NASHVILLE (LPD-13) EMERGENCY GENERATOR ROOM 1 (4-52-1-E)



CORROSION ON SHELL, DECK AND BULKHEAD (68) AFT OF ELECTRICAL PANELS. JSN A366.

SPACE #	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOTS	COMMENTS
4-52-2-A	SD STOREROOM	Y	Y	Y		
4-52-1-E	EMERGENCY GENERATOR NO. 1	Y	Y	Y		
4-200-1-E	AFT DEBALLASTING	Y	Y	Y		
4-268-1-Q	STERN GATE HYDRAULIC EMERGENCY RIG CONN SPACE	Y	N	Y	Y	
4-268-2-Q	STERN GATE HYDRAULIC EMERGENCY RIG CONN SPACE	Y	N	Y	Y	

SPACE #	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOTS	COMMENTS
5-22-0-K	FLAMMABLE LIQUID STOREROOM	Y	Y	Y		
5-24-2-L	P-WAY	Y	Y	Y		
5-26-2-A	DC STOREROOM	Y	Y	Y		
5-36-0-A	SHIPS STORES STOREROOM	Y	Y	Y		
5-44-0-A	SD STOREROOM	N	N	Y		
5-252-0-L	P-WAY, PORT & STBD TRUNKS	Y	N	Y		
5-254-0-E	STEERING GEAR ROOM	Y	N	Y		

SPACE #	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOTS	COMMENTS
6-36-0-M	MAGAZINE	Y	N	Y		
6-44-2-M	SMALL ARMS MAGAZINE	Y	N	Y		

SPACE #	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOTS	COMMENTS
7-44-2-A	SD STOREROOM	Y	Y	Y		
7-52-2-A	MEDICAL STOREROOM	Y	Y	Y		
7-58-1-A	DRY PROVISIONS STOREROOM	Y	Y	Y		
7-60-2-E	REEFER MACHINERY ROOM	Y	N	Y		

SPACE#	DESIGNATION	SPACE ASSESSABLE	LAGGING ON BHD/SHELL	SPACE INSPECTED DURING SEMAT 1	HISTORICAL HOT SPOTS	COMMENTS
8-44-1-E	FIRE PUMP ROOM	Y	N	Y		
8-84-2-Q		N		N		
8-120-1-Q	UNDER WATER LOG TRUNK					
8-184-1-Q	SHAFT ALLEY	Y	N	Y		
8-184-2-Q	SHAFT ALLEY	Y	N	Y		
8-200-1-J	JP5 PUMP ROOM	Y	N	Y		
8-216-1-Q	GAS SYSTEMS SW PUMP ROOM	N	N	Y		
8-216-2-Q	#2 EDG SEA WATER BOOSTER PUMP ROOM	Y	N	Y		